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Software downloading method of mobile phone using bluetooth radio communication

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Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001026519	A	20010406	KR 9937872	A	19990907	200159 B

Priority Applications (No Type Date): KR 9937872 A 19990907

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

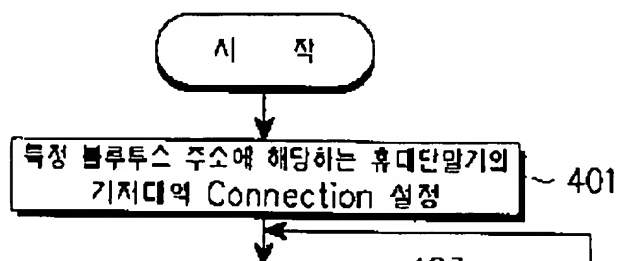
KR 2001026519 A 1 H04L-012/28

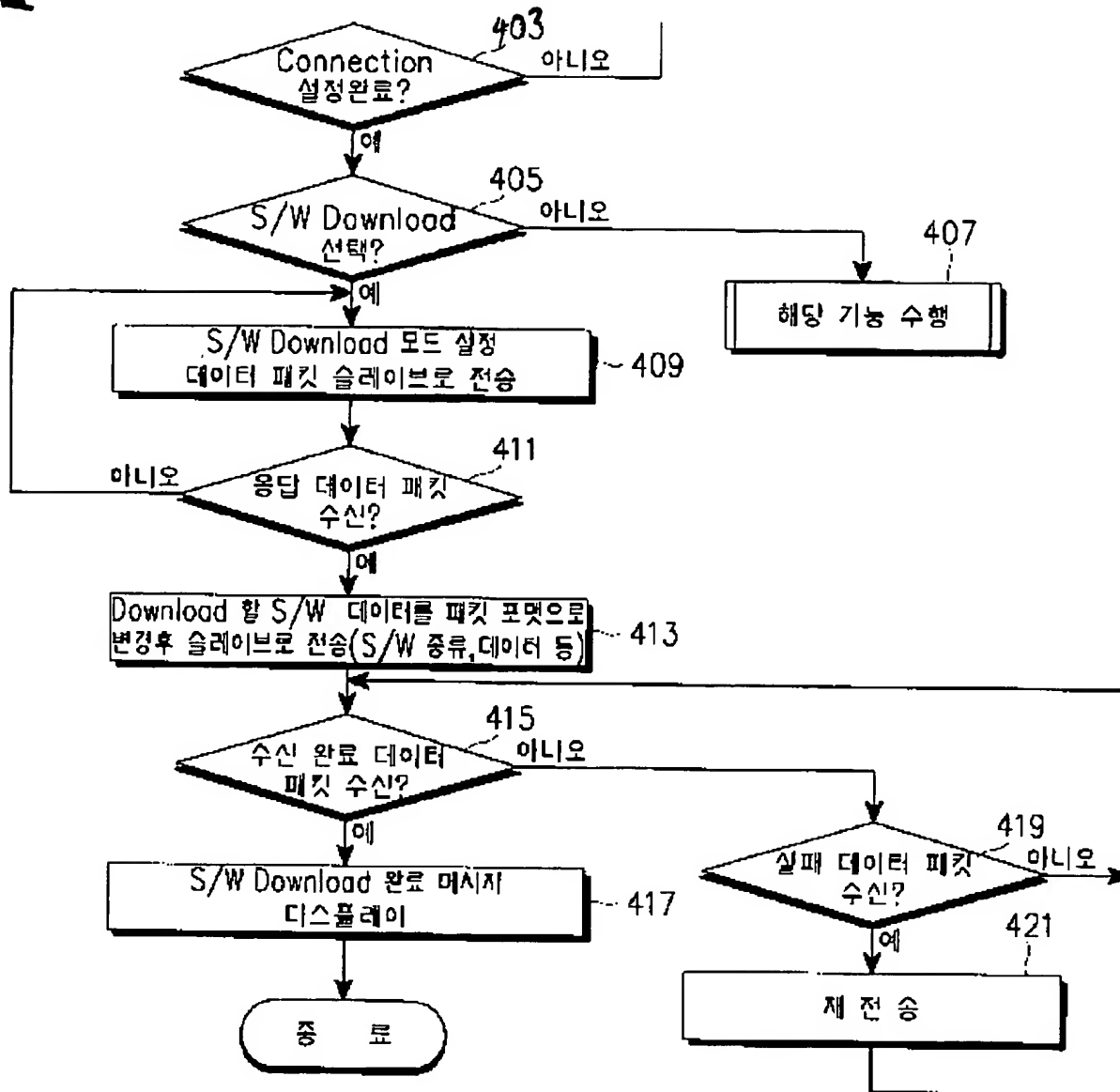
Abstract (Basic): KR 2001026519 A

NOVELTY - A software downloading method of a mobile phone using a bluetooth radio communication is provided to upgrade a software of a mobile phone for users' convenience and increase user efficiency of a mobile phone by transmitting a data bluetooth-wirelessly between a mobile phone having a bluetooth module satisfying a bluetooth wireless standard and a personal computer or between mobile phones.

DETAILED DESCRIPTION - A computer controller controls a bluetooth module and sets a baseband connection with respect to a slave mobile phone corresponding to a specific bluetooth address(401). The computer controller completes setting of the baseband connection with respect to the specific slave mobile phone which wants to download of a software(403). When an instruction to select a download of a software of a mobile phone is inputted(405), the computer controller transmits wirelessly a software download model setting data packet to the slave mobile phone for which the bluetooth connection has been set(409). The computer controller receives a response data packet to the software download mode setting instruction from the slave mobile phone through a bluetooth module(411). The computer controller converts the software to be downloaded to a radio data packet in a baseband processor of the bluetooth module and transmits it to the slave mobile phone(413). When the computer controller receives a receiving completion data packet from the slave mobile phone(415), it displays a software download completion message through an output unit and terminates a software download communication with the slave mobile phone(417). If the receiving completion data packet is not received, the computer controller receives a failure data packet from the slave mobile phone(419) and re-transmits the software download data packet(421).

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Derwent Class: W01

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